

TYPICAL PROPERTIES OF  
**HyPUR-cel® - T2040**

POLYMER

POLYURETHANE

**FLAMMABILITY**

FMVSS-302

PASS (.063" OR THICKER)<sup>1</sup>

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft <sup>3</sup> kg/m <sup>3</sup>	17 - 23 272 - 368
TENSILE STRENGTH <sup>4</sup>	ASTM D3574	psi kPa	150 (MIN) 1034 (MIN)
ELONGATION <sup>4</sup>	ASTM D3574	%	120 (MIN)
TEAR STRENGTH	ASTM D624	lb/in kN/m	25 (MIN) 4.4 (MIN)
COMPRESSION SET <sup>3</sup>	ASTM D1056	%	3 (MAX)
COMPRESSION FORCE DEFLECTION 25% <sup>2</sup>	ASTM D3574	psi kPa	19 - 25 131 - 172
COMPRESSION DEFLECTION @ 25%	ASTM D1056	psi kPa	30 - 50 207 - 345
DUROMETER SHORE O	ASTM D2240	N/A	36 (AVG)
COLOR	N/A	N/A	BLACK

<sup>1</sup> Submit request for any thickness below .063".

<sup>2</sup> Deviation, material tested at .500" instead of 1.000".

<sup>3</sup> Compression Set performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery

<sup>4</sup> Tested at .125" thickness, alternative thickness data available upon request

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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